

Title (en)  
RAPID PROTOTYPED TRANSFER TRAY FOR ORTHODONTIC APPLIANCES

Title (de)  
SCHNELL PROTOTYPISIERTE TRANSFERSCHALE FÜR ORTHODONTISCHE GERÄTE

Title (fr)  
PLATEAU DE TRANSFERT PROTOTYPÉ RAPIDE POUR APPAREILS ORTHODONTIQUES

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Application  
**EP 19213570 A 20090616**

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Abstract (en)

The present invention relates to a transfer tray for use in bonding of a plurality of orthodontic appliances, each having a base for bonding to a tooth surface and a body extending outwardly from the base, the tray comprising a plurality of receptacles for the plurality of orthodontic appliances, each of the plurality of receptacles having a configuration matching a portion of the appliance body to releasably retain the appliance, the plurality of orthodontic appliances releasably retained in the plurality of receptacles, and a tray body extending continuously across the plurality of receptacles and having a gingival edge, wherein the gingival edge intersects each of the plurality of receptacles such that a first portion of each appliance body extends below the gingival edge and is not enclosed by any portion of the tray body for each appliance releasably retained in each receptacle, and wherein each receptacle and the tray body cooperate to cover all exterior surfaces of each appliance body opposite the base and located in an occlusal direction from the gingival edge for each appliance releasably retained in each receptacle, wherein prior to placement of the appliances on the teeth while the appliance are retained in the receptacles of the tray body, positions of the receptacles in the tray body correspond with positions of teeth to receive the appliances retained in the receptacles.

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